

ABSTRACT

A ventilator for supplying breathable gas to the airway of a patient with a respiratory disorder is provided herein an, in one embodiment, includes a gas flow generator for generating a flow of said breathable gas to the patient, said gas flow generator comprising a gas flow generator chamber provided with a gas inlet opening and a gas outlet opening; a control valve for controlling the flow and/or pressure of the gas distributed to the patient, said control valve comprising a valve body which is rotatably arranged about a rotational axis within a valve chamber. The valve body 5 essentially exhibits the shape of a sector of a circle, in such a way that an arced first flow regulatory surface is formed along the circular arc of said sector, and that second and third essentially straight flow regulatory surfaces, respectively, are formed along the two diverging sides of said sector.

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